

**INFORMATION DISCLOSURE  
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

1035-644

10/585,865

APPLICANT

MIYACHI et al.

(Use several sheets if necessary)

FILING DATE

GROUP

July 11, 2006

2629

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2009/0161042 A1	06/2009	Inoue et al.			
	2010/0039589 A1	02/2010	Shibahara			
	6,233,034	05/2001	Lee et al.			
	6,512,565 B1	01/2003	Lee et al.			
	2002/0067448	06/2002	Kim et al.			
	2005/0041196	02/2005	Ishihara et al.			
	2005/0168663	08/2005	Miyachi et al.			
	2005/0179847	08/2005	Miyachi et al.			
	2005/0185105	08/2005	Miyachi et al.			
	2005/0237472	10/2005	Shibahara et al.			
	2007/0070282	03/2007	Shibahara et al.			
	2005/0179632	08/2005	Miyachi et al.			
	2005/0162607	07/2005	Miyachi et al.			
	2005/0185131	08/2005	Miyachi et al.			
	2007/0080370	04/2007	Miyachi et al.			
	2005/0151912	07/2005	Miyachi et al.			
	2005/0185125	08/2005	Miyachi et al.			
	2008/0106689	05/2008	Inoue et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
2005-215339 A	08/2005	JAPAN			X	
2005-300779 A	10/2005	JAPAN			X	
2005-300780 A	10/2005	JAPAN			X	
2005-308825 A	11/2005	JAPAN			X	
2005-316011 A	11/2005	JAPAN			X	
2005-316013 A	11/2005	JAPAN			X	
2006-003840 A	01/2006	JAPAN			X	
2006-343697 A	12/2006	JAPAN			X	

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

	Kato et al., "Fast and High-Contrast Electro-Optical Switching of Liquid-Crystalline Physical Gels: Formation of Oriented Microphase-Separated Structures", Advanced Functional Material, Vol. 13, No. 4, April 2003, pp. 313-317
	Kikuchi et al., "Polymer-Stabilized Liquid Crystal Blue Phases", Nature Materials, Vol. 1, 2002, pp. 64-68 (on line URL <a href="http://www.nature.com/maturematerials">http://www.nature.com/maturematerials</a> )
	Yang et al., "Liquid Crystals in Complex Geometries Formed by Polymer and Porous Networks", edited by Crawford et al., Taylor & Francis, pp. 103-142
	Mizoshita et al., "Fast and High-Contrast Electro-optical Switching of Liquid-Crystalline Physical Gels: Formation of Oriented Microphase-Separated Structures", Advanced Functional Materials, vol. 13, No. 4, April 2003, pp. 313-317
	"Cutting Edge of Liquid Crystal Display", edited by the Japanese Association of Liquid Crystal Scientists, Sigma Publishing, first edition, first printing, October 10, 1996, p. 204 15.2.3 and p. 209 15.3.2 (partial English translation)

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2005/162607	07/2005	MIYACHI et al.			
	2005/185131	08/2005	MIYACHI et al.			
	6,188,455 B1	02/2001	YAMAMOTO			

**FOREIGN PATENT DOCUMENTS**

							TRANSLATION	
DOCUMENT		DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
	2005-338800	12/2005	JAPAN			ABST.		
	2005-202383	07/2005	JAPAN			ABST.		
	2005-202390	07/2005	JAPAN			ABST.		
	2003-215613	07/2003	JAPAN			ABST.		
	2003-215641	07/2003	JAPAN			ABST.		
	2003-186032	07/2003	JAPAN			ABST.		
	2003-167273	06/2003	JAPAN			ABST.		
	2003-172939	06/2003	JAPAN			ABST.		
	2001-100256	04/2001	JAPAN			ABST.		
	11-142823	05/1999	JAPAN			ABST.		
	7-209662	08/1995	JAPAN			ABST.		
	2005-336477	12/2005	JAPAN			ABST.		
	2001-133752	05/2001	JAPAN			ABST.		
	2003-327966 A	11-2003	JAPAN			X		
	2002-189222 A	07-2002	JAPAN			X		
	2005-122105	05/2005	JAPAN			X/ABST.		

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

	Office Action Mailed May 6, 2010 in U.S. Application No. 11/991,791
	Shiraishi et al, "Palladium Nanoparticles Covered with Liquid-Crystalline Molecules-Preparation and Electro-Optic Properties of Liquid-Crystal Displays Doped with Palladium Nanoparticles", Kobunshi Ronbunshu Vol. 59, No. 12, Dec. 2002, pp. 753-759 (partial English translation)

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